CLAIMS

1. A method of making epoxyorganoalkoxysilanes comprising reacting an olefin epoxide with an hydridoalkoxysilane in the presence of RhCl(di-tert-butylsulfide)$_2$ catalyst, the reaction being free of the presence of a stabilizing agent, the reaction being carried out at a temperature in the range of 65-95 °C, and the olefin epoxide being present in the reaction in a molar excess of 5-25 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane.

2. The method according to Claim 1 in which the reaction temperature is in the range of 70-75 °C, and the olefin epoxide is present in the reaction in a molar excess of about 10 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane.

3. The method according to Claim 1 in which the olefin epoxide is a composition selected from the group consisting of limonene oxide, 4-vinylcyclohexene monoxide, allyl glycidyl ether, glycidyl acrylate, 1,2-epoxy-5-hexene, 1,2-epoxy-7-octene, 1,2-epoxy-9-decene vinyl norborene monoxide, dicyclopentadiene monoxide, 1-methyl-4-isopropenyl cyclohexene monoxide, and butadiene monoxide.

4. The method according to Claim 1 in which the hydridoalkoxysilane is a composition selected from the group consisting of trimethoxysilane $HSi(OCH_3)_3$, triethoxysilane $HSi(OC_2H_5)_3$, tri-n-propoxysilane $HSi(OC_3H_7)_3$, tri-isopropoxysilane $HSi[(OCH(CH_3)_2]_3$, methyldimethoxysilane $(CH_3)HSi(OCH_3)_2$, methyldiethoxysilane $(CH_3)HSi(OC_2H_5)_2$, dimethylmethoxysilane $(CH_3)_2HSi(OCH_3)$, dimethylethoxysilane $(CH_3)_2HSi(OC_2H_5)$, and phenyldiethoxysilane $(C_6H_5)HSi(OC_2H_5)_2$.

5. The method according to Claim 1 in which the olefin epoxide is 4-vinylcyclohexene monoxide and the hydridoalkoxysilane is trimethoxysilane $HSi(OCH_3)_3$.